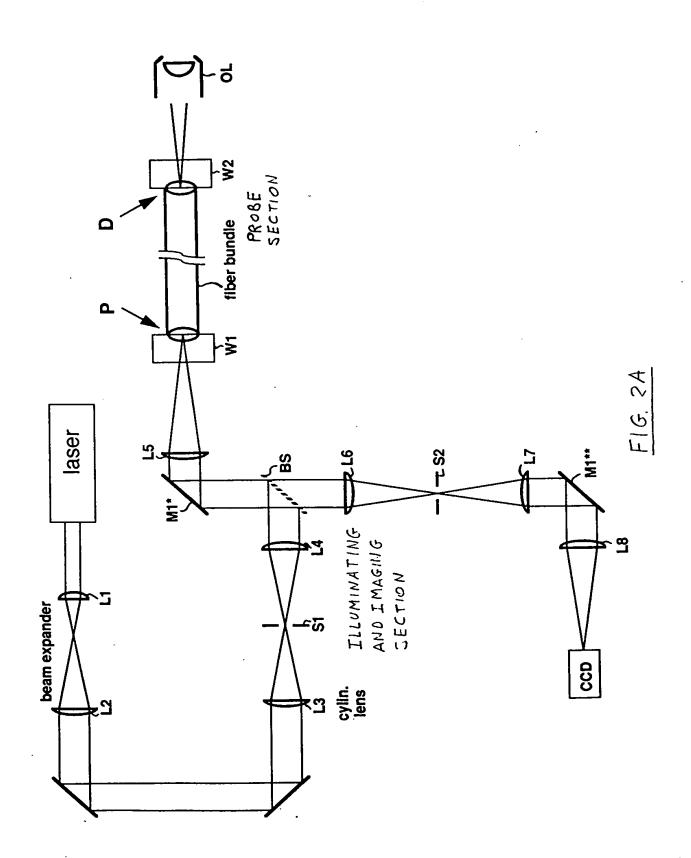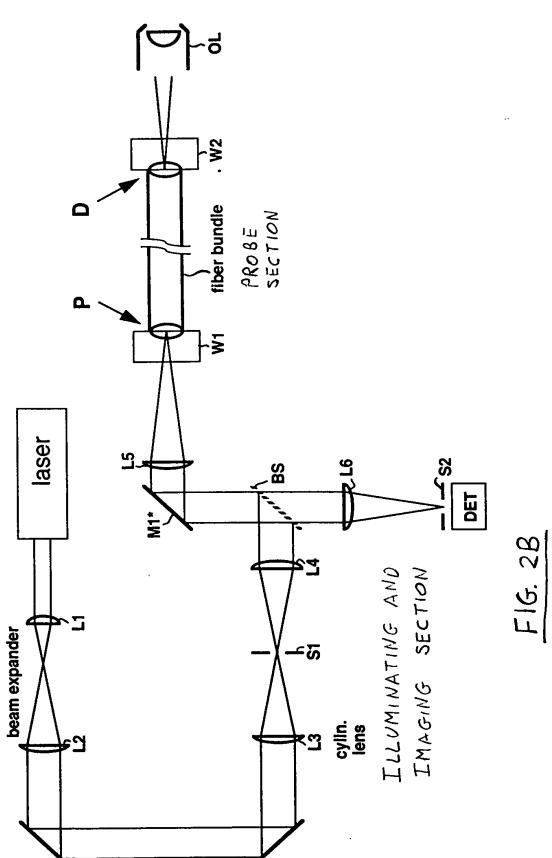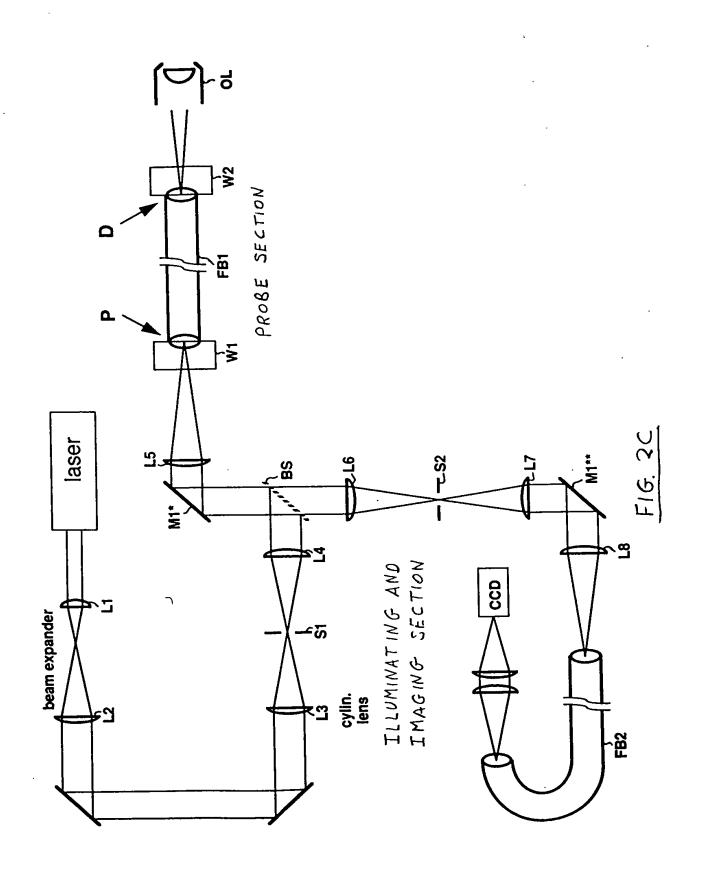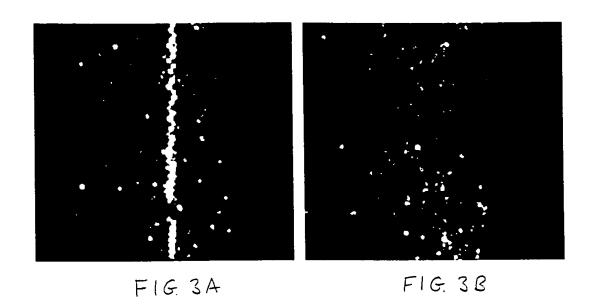FIG. IA

FIG. I B

FIG. IC

FIG. ID

Dark circles represent illuminated fibers.

laser
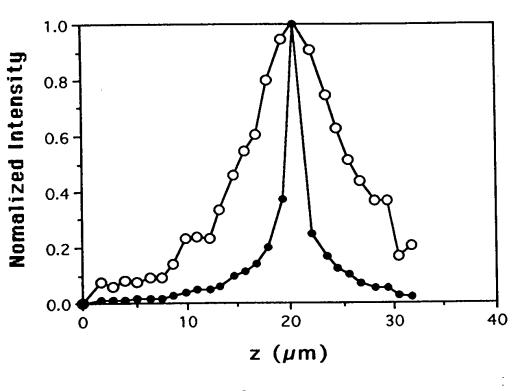
beam expander

L1

L2

L3
cylin.
lens

S1
I h

L4

M1*

BS

L5

W1

P

fiber bundle

D

W2

OL

PROBE
SECTION

L6

S2

ILLUMINATING
AND IMAGING
SECTION

L7

M1**

L8

CCD

FIG. 2A

FIG. 2B

laser

beam expander

L1 L2

cylin. lens

L3

S1

L4

M1*

BS

L5

W1 P FB1 D W2

OL

PROBE SECTION

L6

S2

L7

M1**

ILLUMINATING AND IMAGING SECTION

CCD

L8

FB2

FIG. 2C

FIG. 3A

FIG. 3B

FIG. 4